

FIG. 1A

PRIOR ART

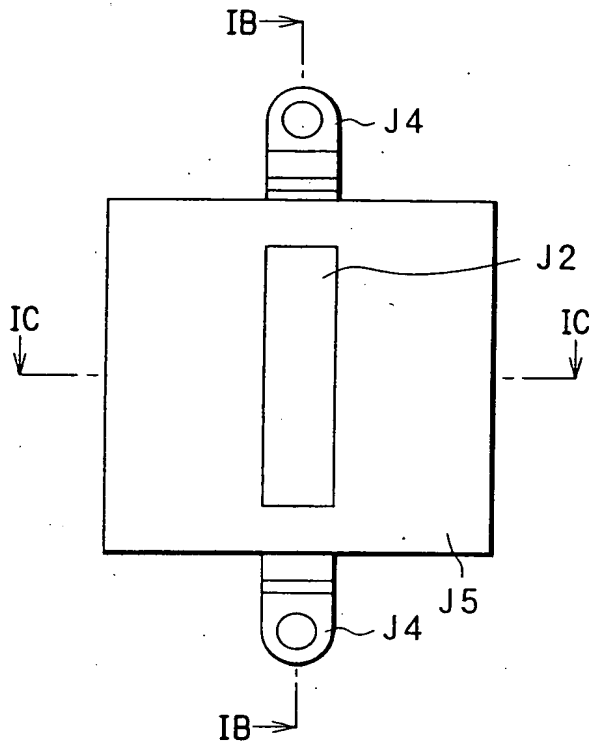


FIG. 1B

PRIOR ART

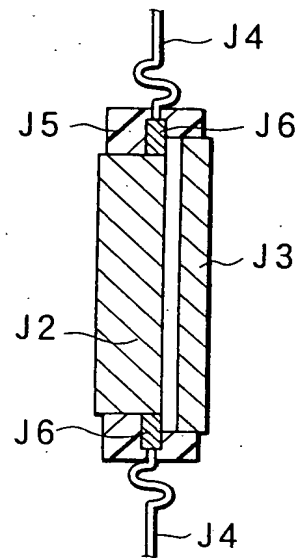
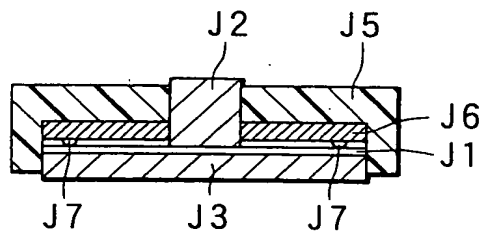


FIG. 1C

PRIOR ART



This technical drawing shows a detailed cross-sectional view of a mechanical assembly. The central component is a cylindrical shaft or piston rod, labeled with various parts including 1, 2, 6a, 6b, 9, 10, 11, 12, 13, 14, 1a, 1b, 2a, 3, 4, 5, 8, and II B. The assembly is held together by two large nuts, labeled 14, which are positioned at the ends of the main body. The internal components are shown in cross-section, revealing the internal structure and the relationship between different parts. The drawing uses standard engineering conventions, such as hatching to indicate different materials or sections.

FIG. 3

NAME OF METAL	CHEMICAL COMPOSITION (%)													
	Fe	Zn	P	Ni	Si	Sn	NiB	Mn	Mg	Cr	Ti	B	Cu	Al
METAL a	2.3	0.1	0.03										REMAIN.	
METAL b	2.4	0.12	0.03										REMAIN.	
METAL c				3.0	0.7								REMAIN.	
METAL d	1.5	0.5				0.5							REMAIN.	
METAL e	1.0	0.05	0.1			1.0							REMAIN.	
METAL f	0.75		0.03			1.25							REMAIN.	
METAL g	0.05 0.15		0.025 0.040										REMAIN.	
METAL h	0.05 0.4		0.05 0.1			0.05 0.2	0.05 0.45						REMAIN.	
METAL i			0.15 OR LOWER	0.1 0.4		1.7 2.3							REMAIN.	
METAL j		0.2 0.35		3.0 3.4	0.6 0.75	1.0 1.5							REMAIN.	
METAL k	0.12 1.0	0.03 0.1			0.1 1.0			0.02 0.05	0.02 0.05		0.02 0.05		0.03 0.2	REMAIN.
METAL l	0.5	0.1			0.3 0.7			0.05	0.35 0.5	0.03		0.06	0.1	REMAIN.

FIG. 4A

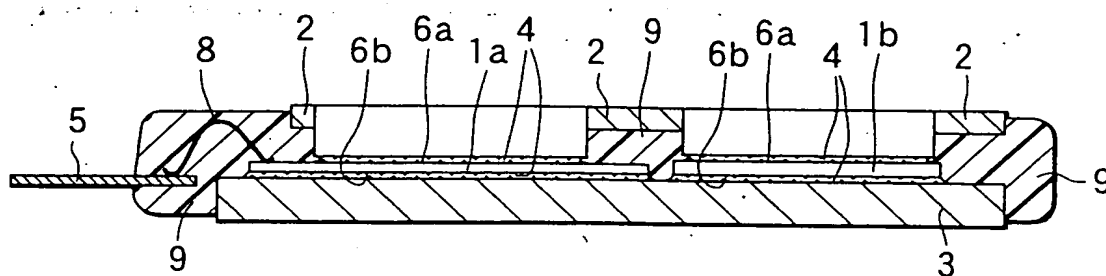


FIG. 4B

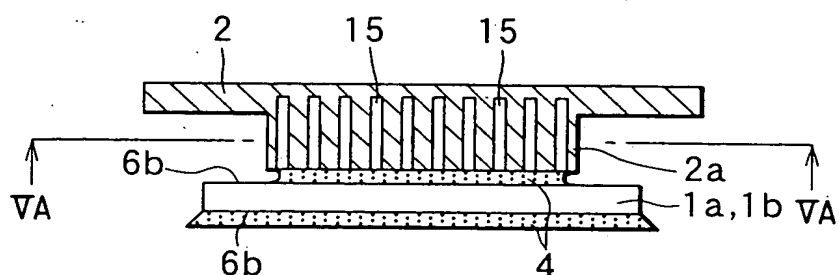


FIG. 4C

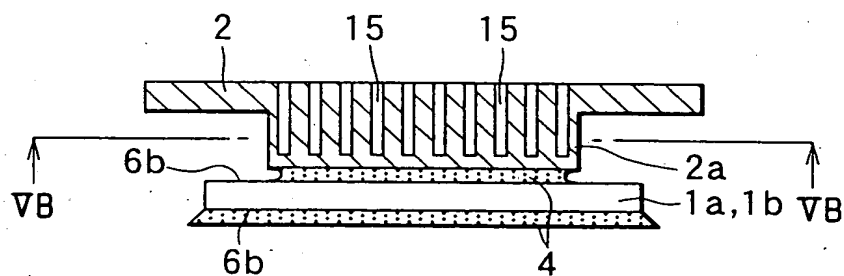


FIG. 4D

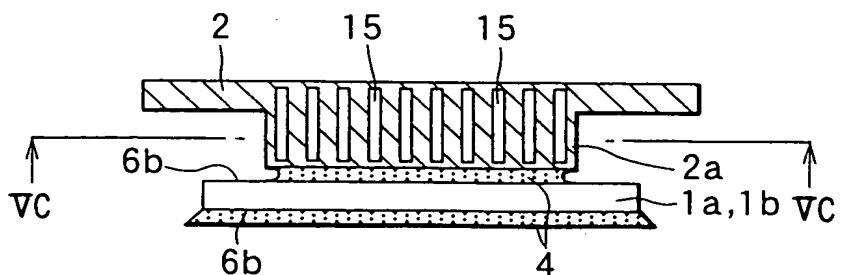


FIG. 5A

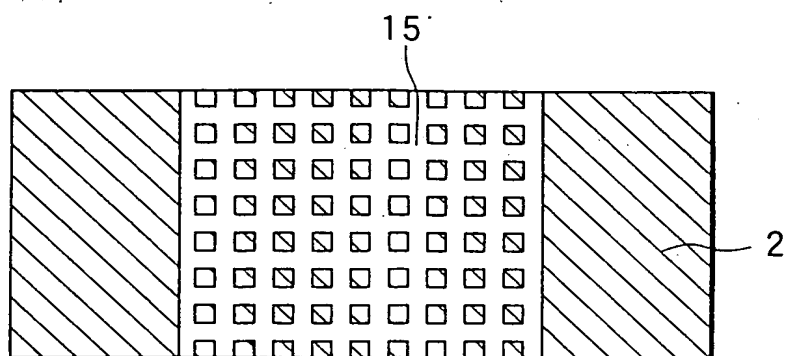


FIG. 5B

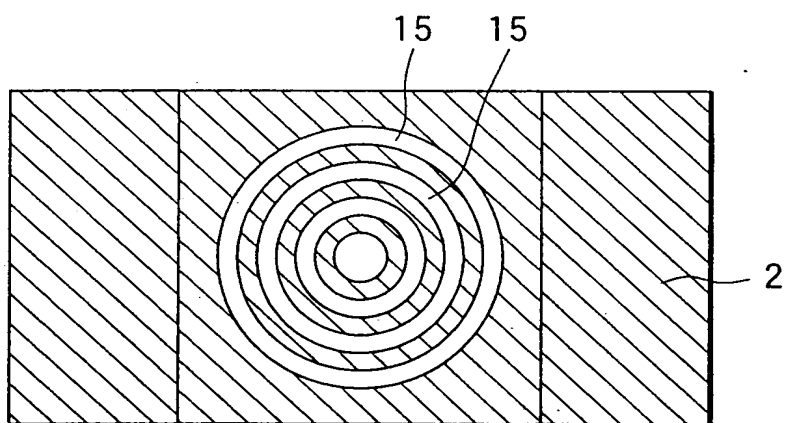


FIG. 5C

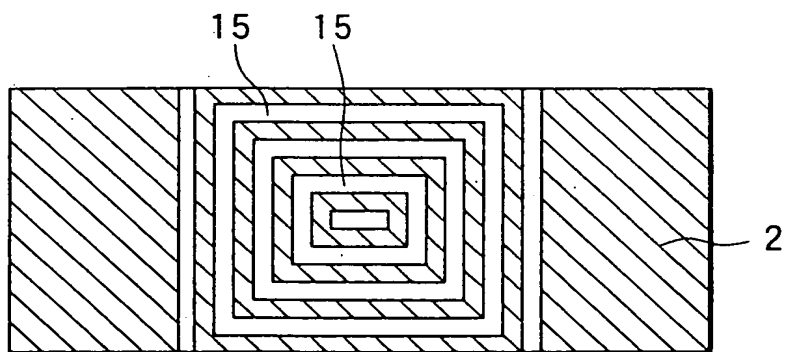


FIG. 6

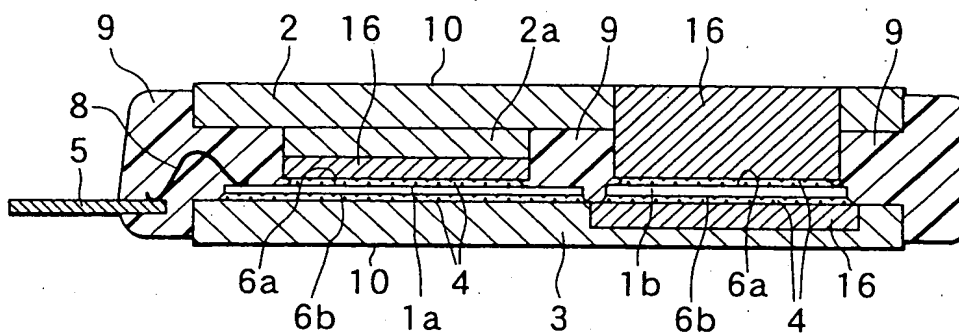


FIG. 7

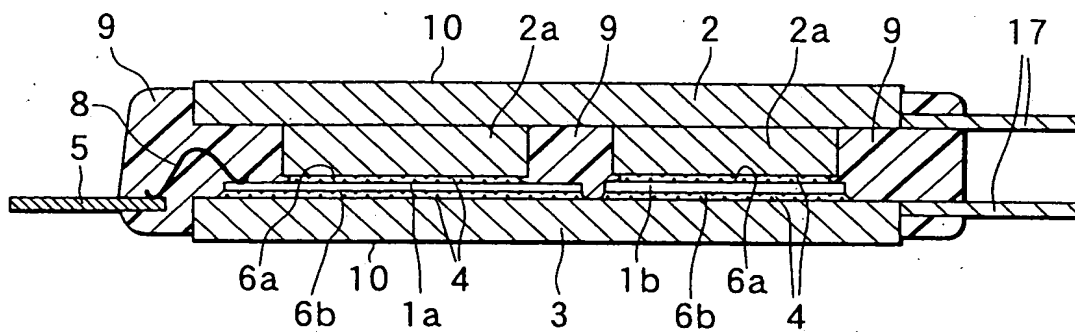


FIG. 8A

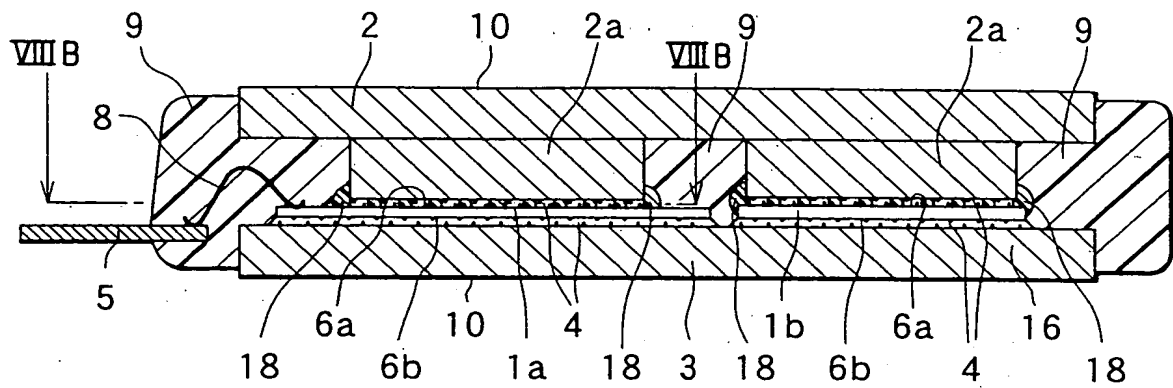


FIG. 8B

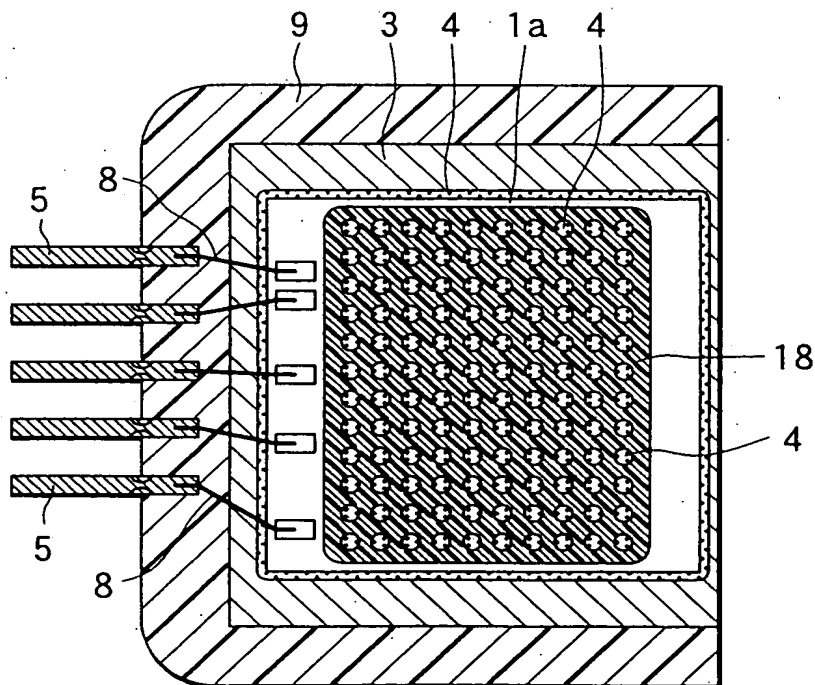


FIG. 9A

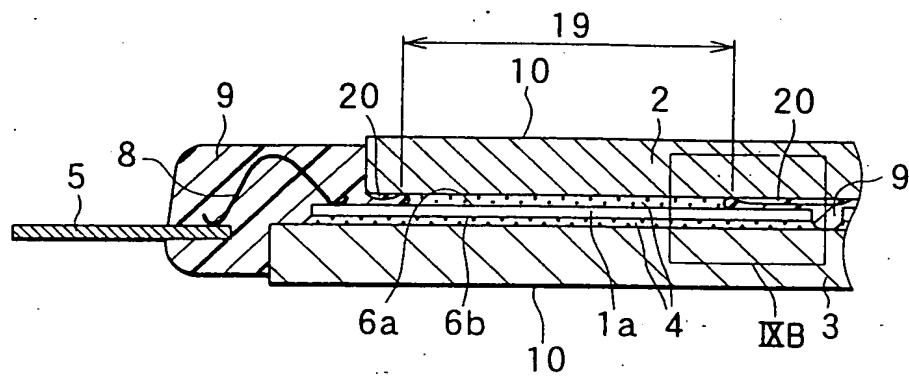


FIG. 9B

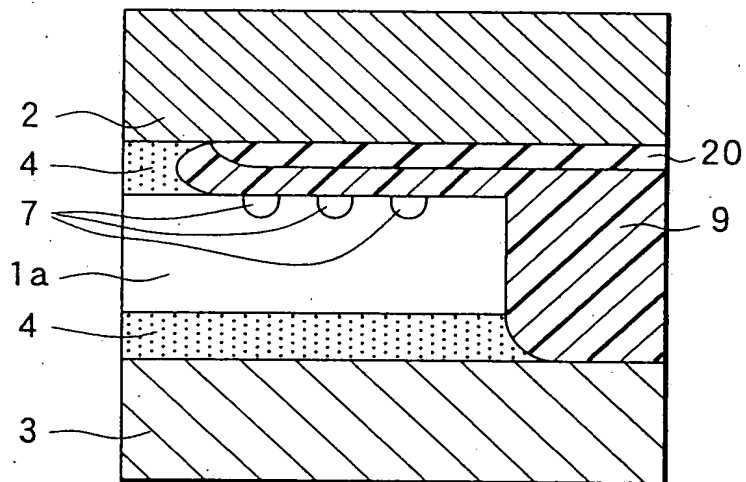


FIG. 9C

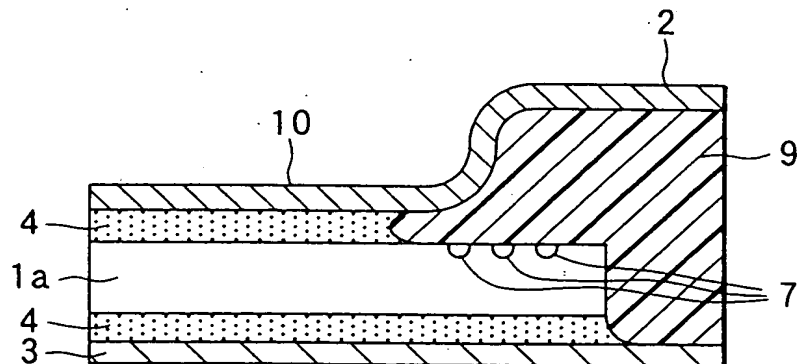


FIG. 10

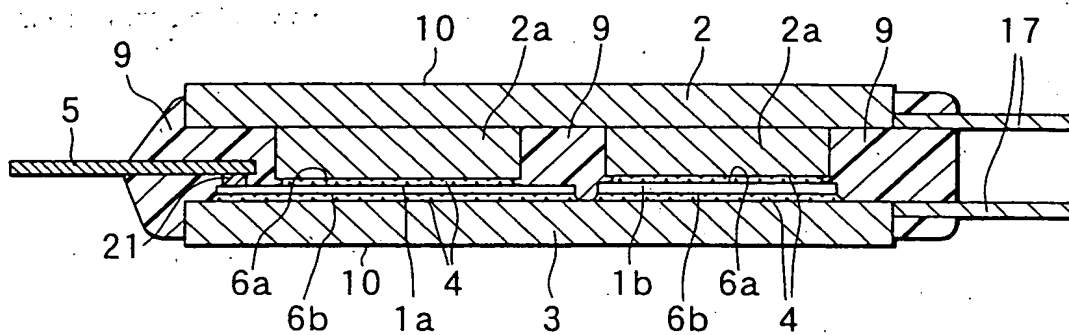


FIG. 11

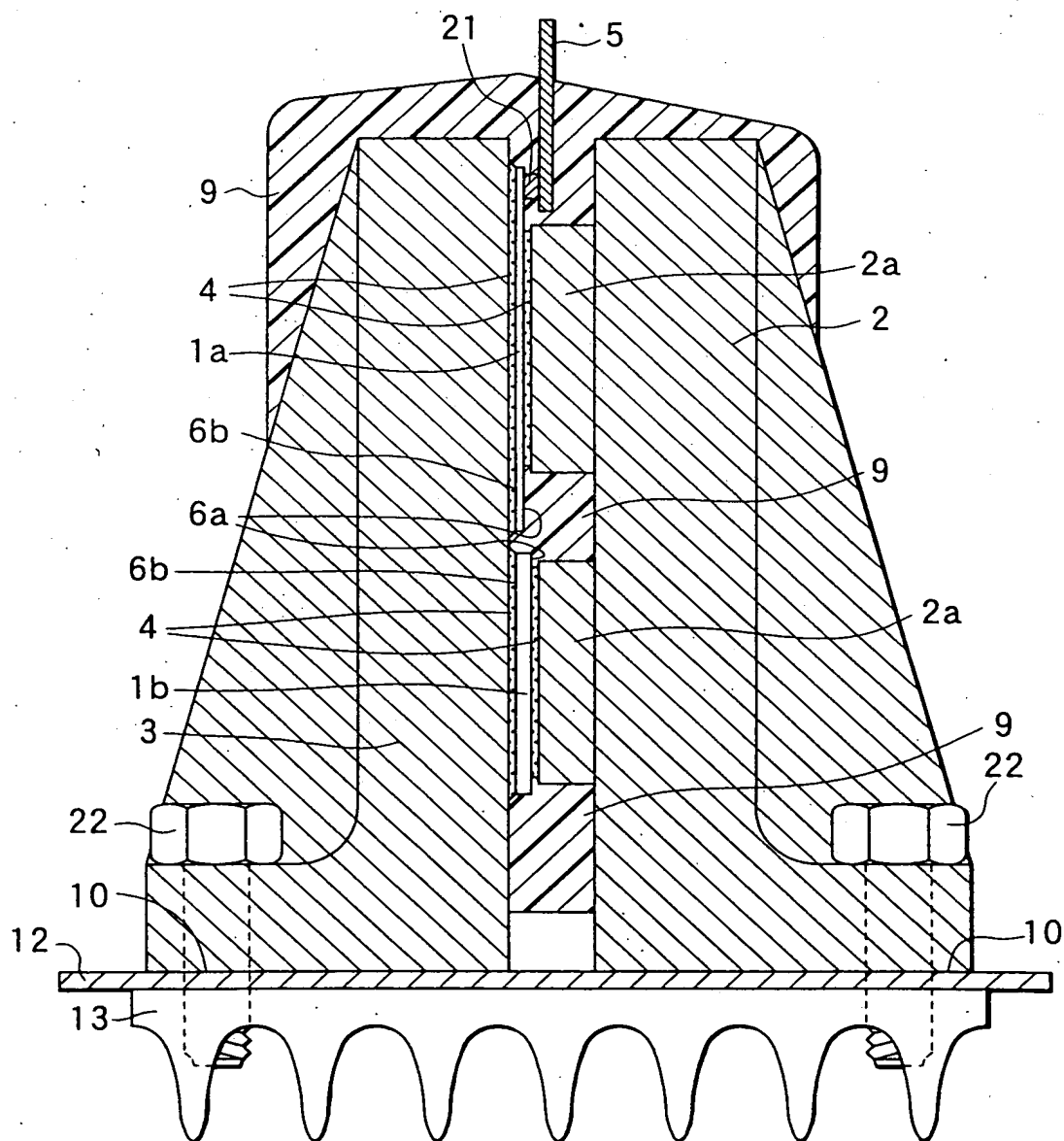


FIG. 12

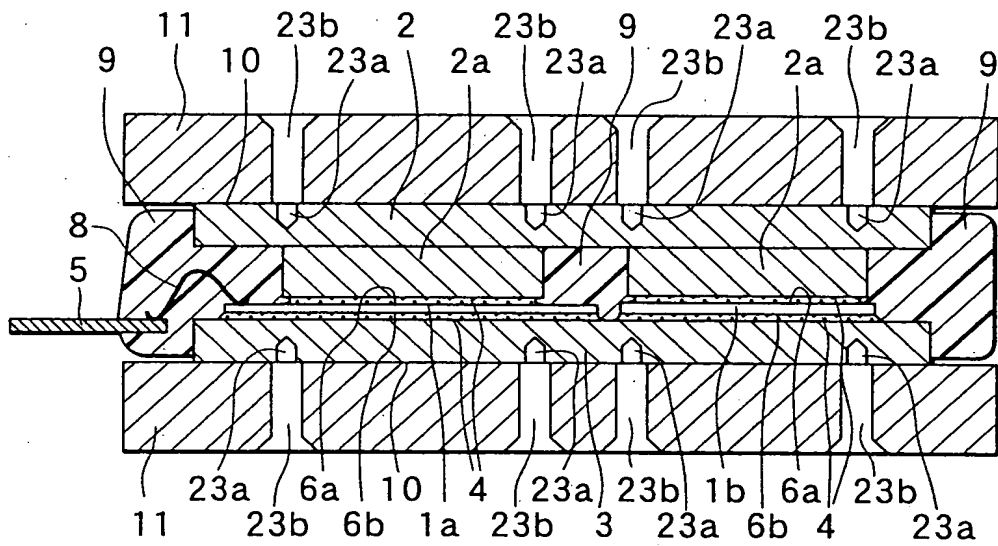


FIG. 13

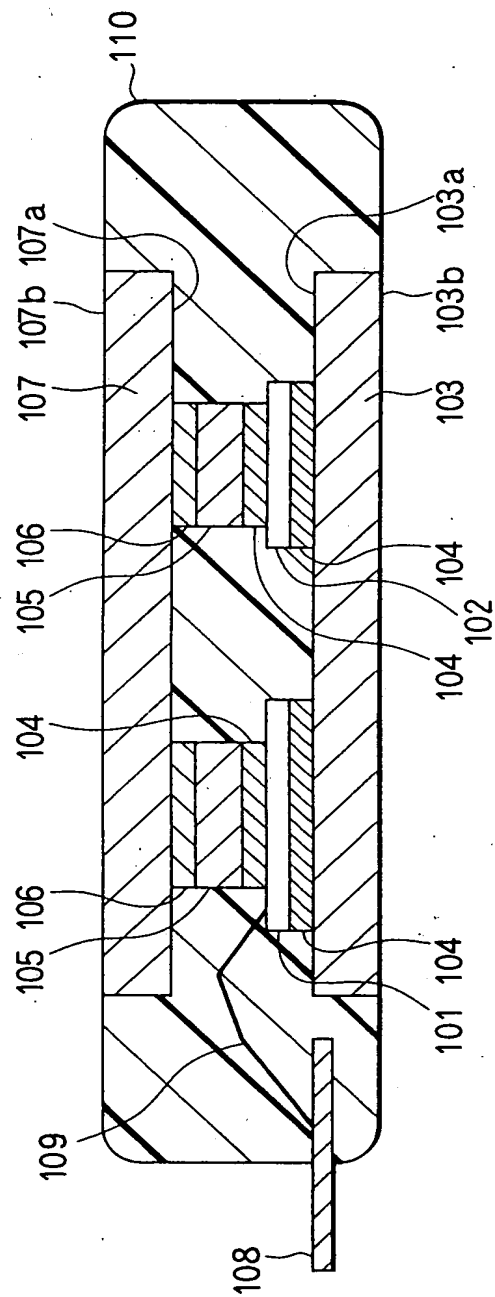


FIG. 14A

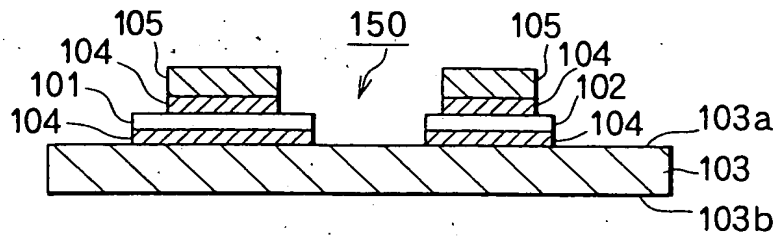


FIG. 14B

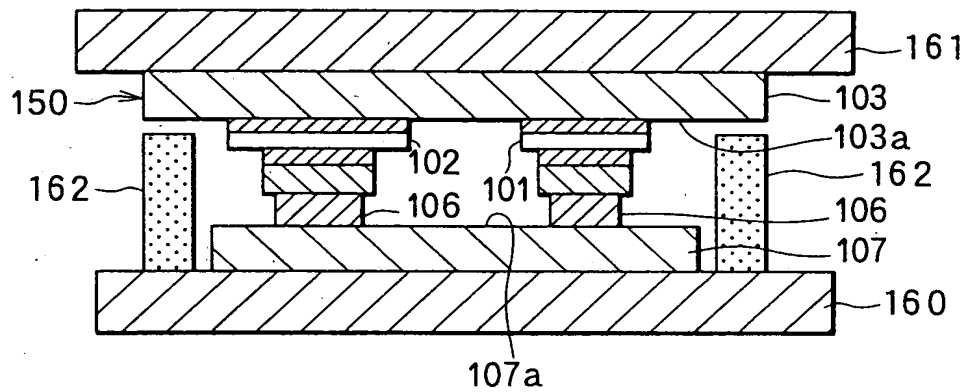


FIG. 14C

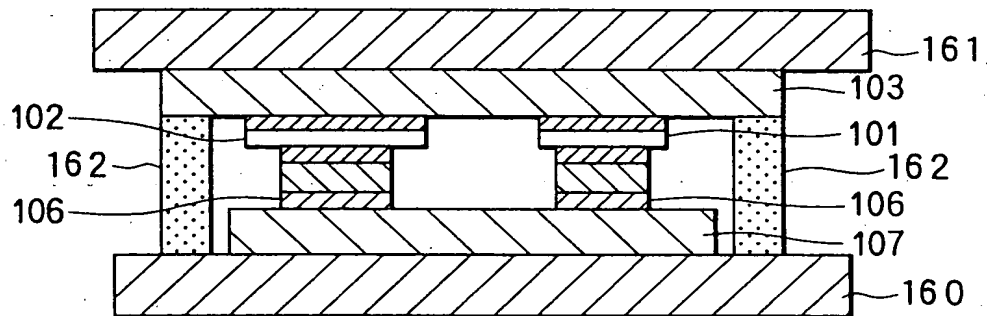


FIG. 15

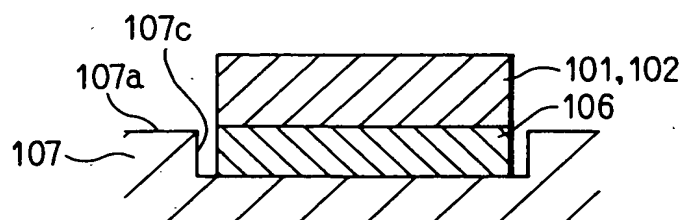


FIG. 16

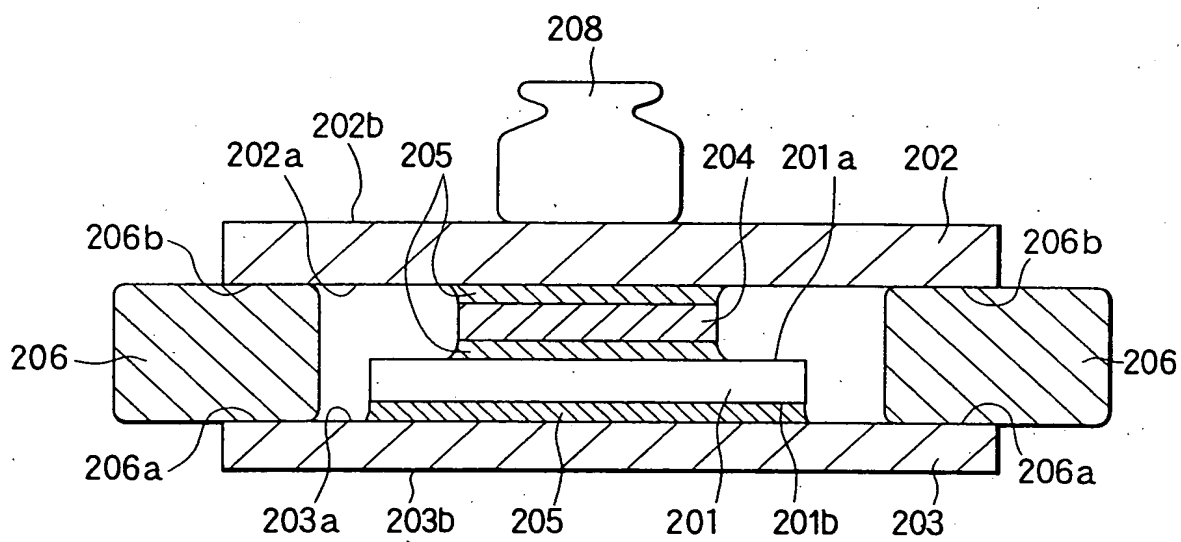


FIG. 17

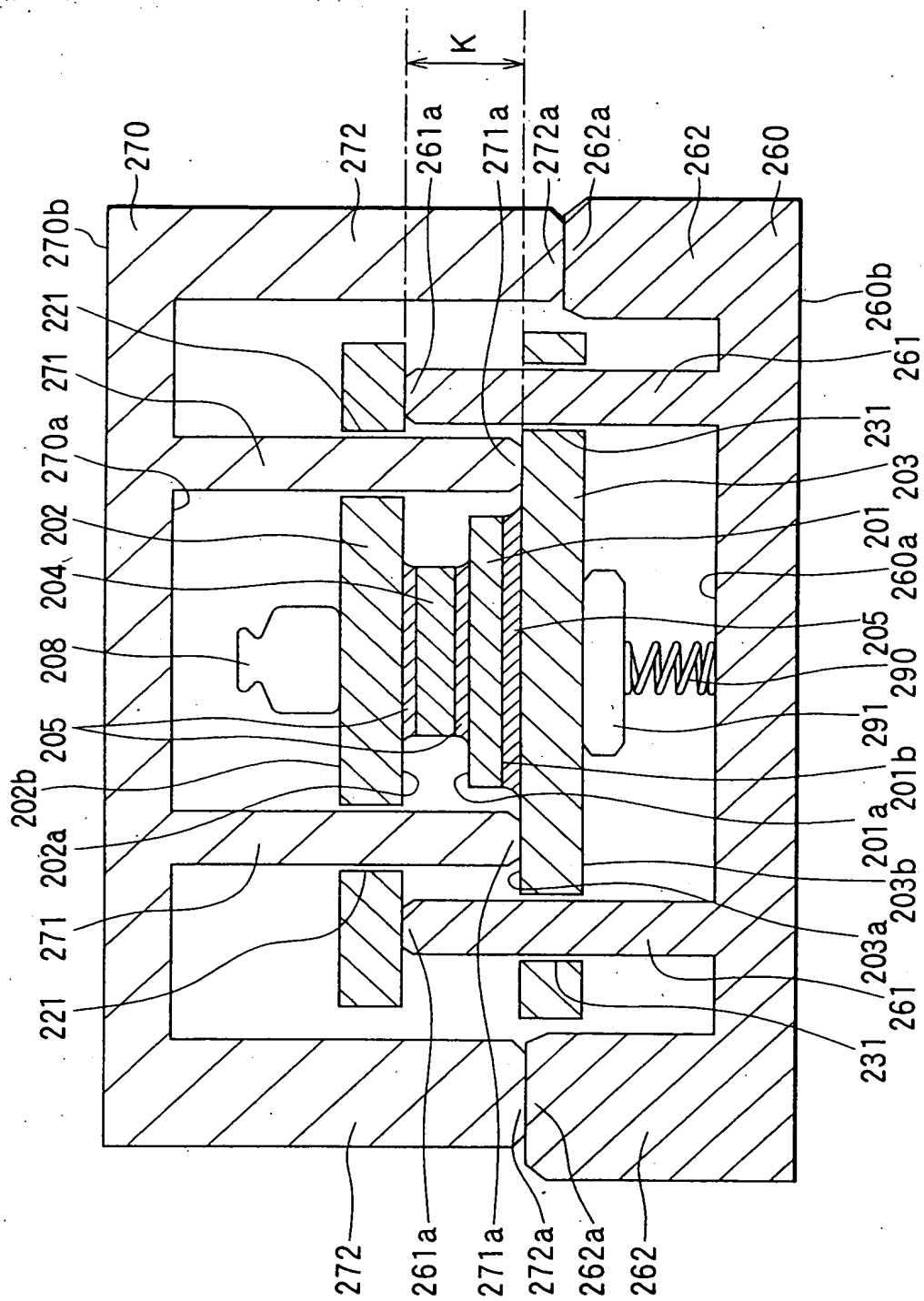


FIG. 18

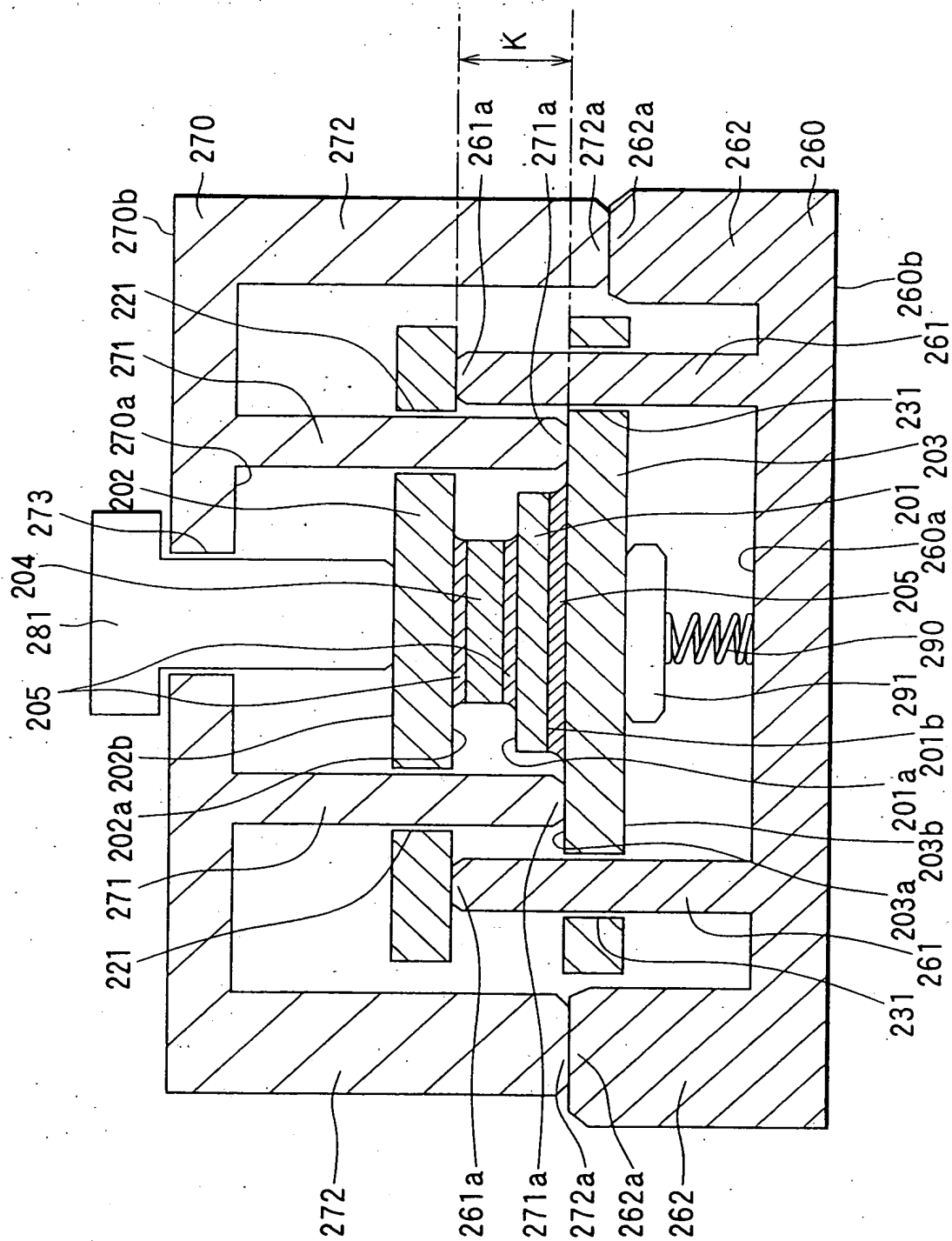


FIG. 19

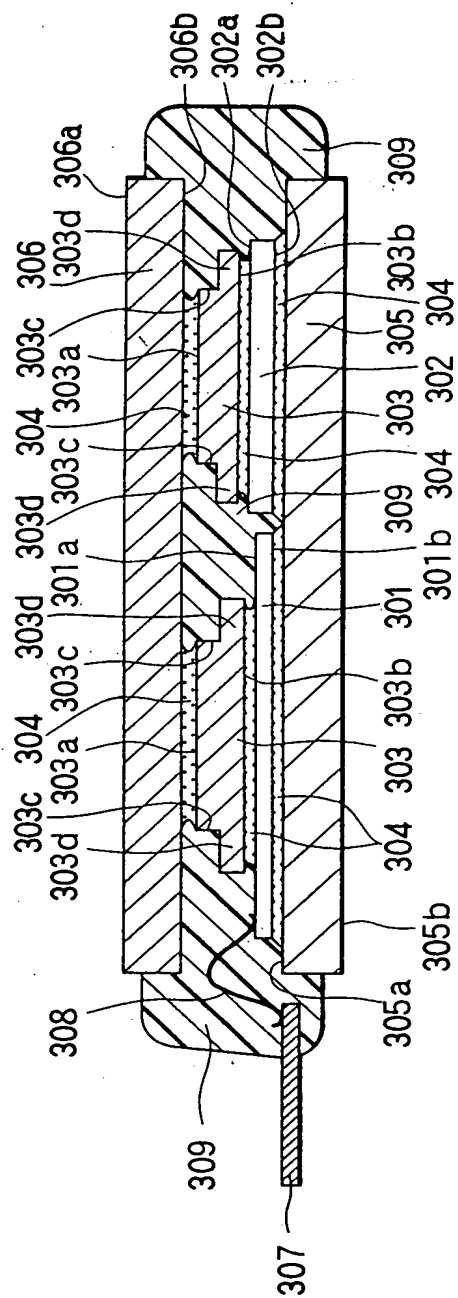


FIG. 20A

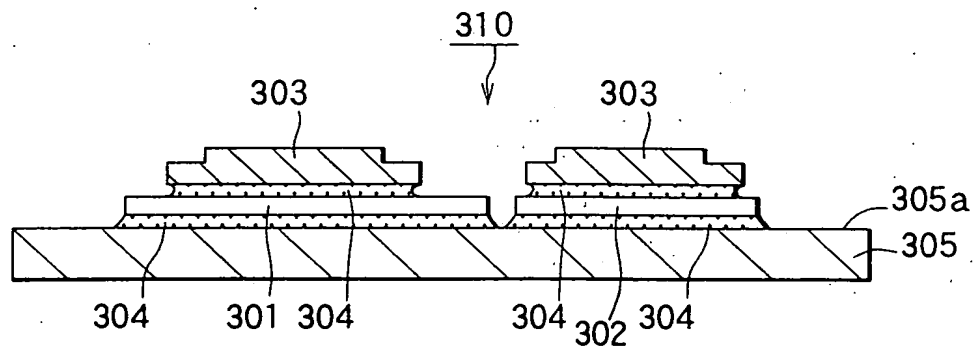


FIG. 20B

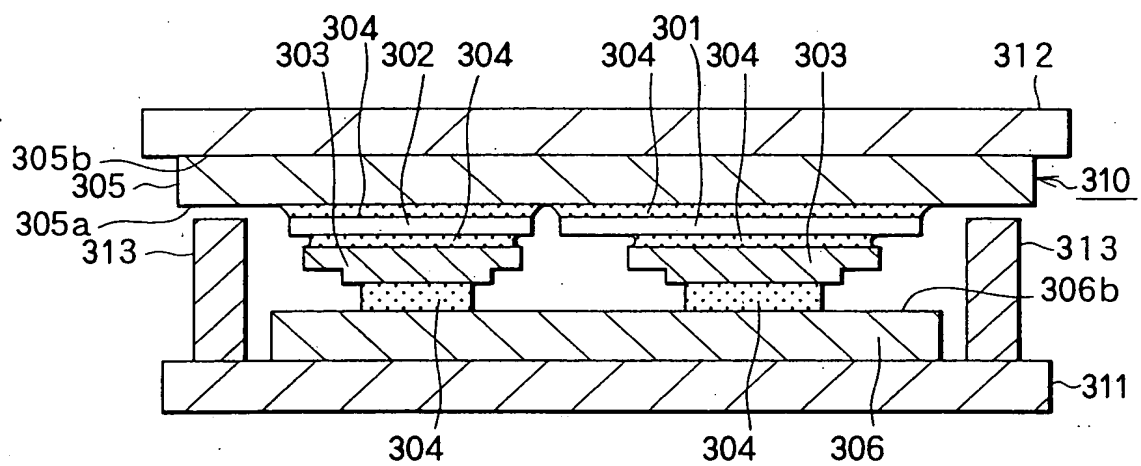


FIG. 20C

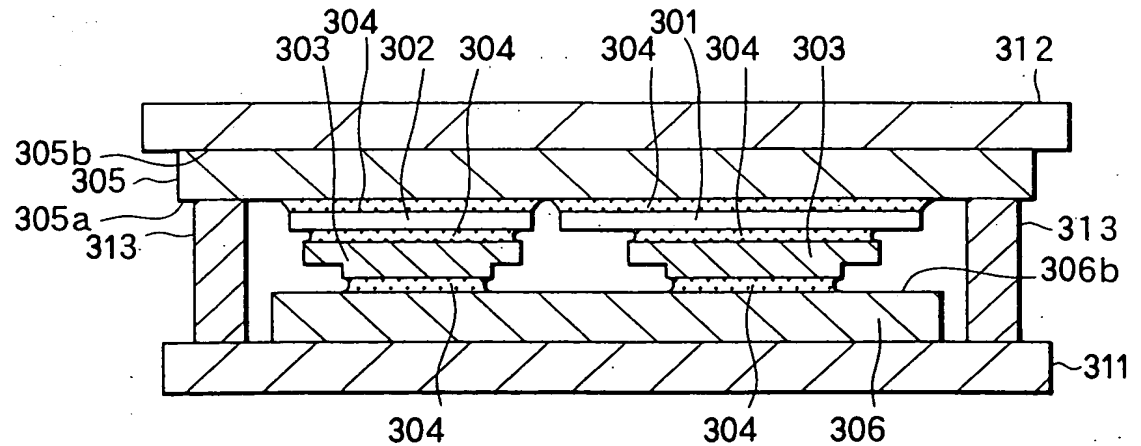


FIG. 23

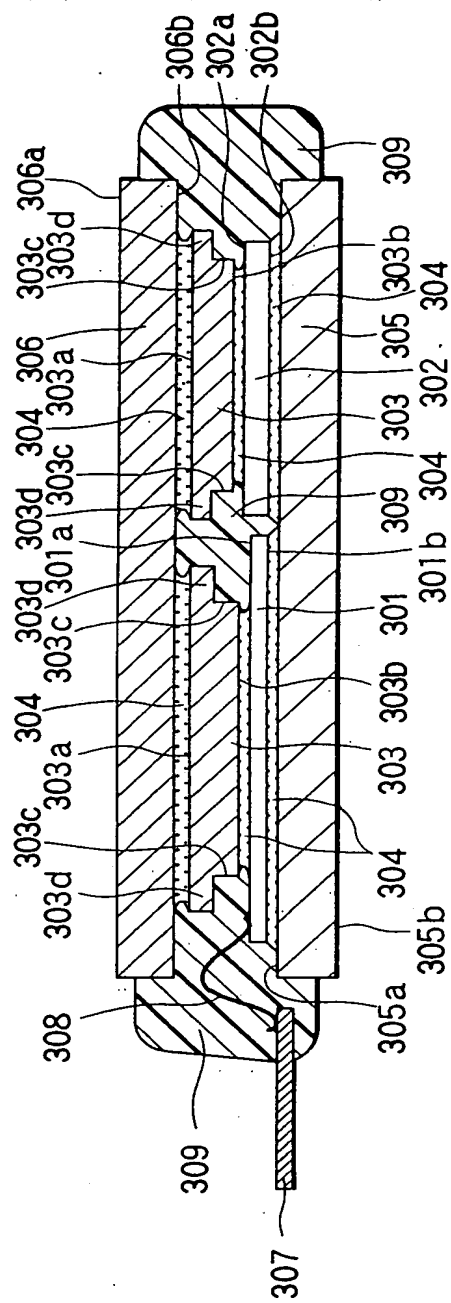


FIG. 24

XXVI

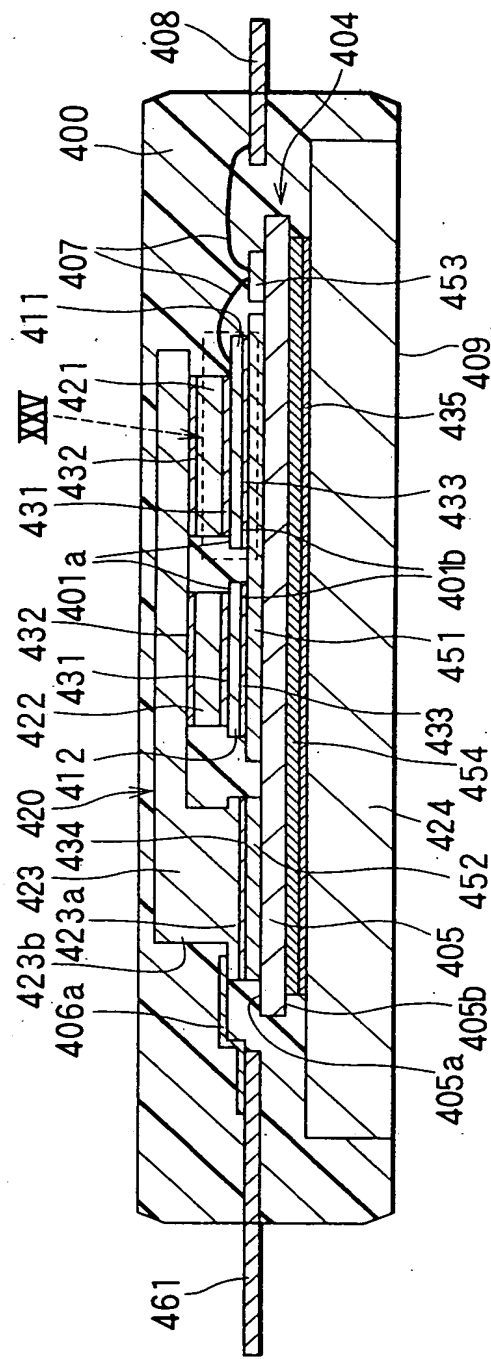


FIG. 25

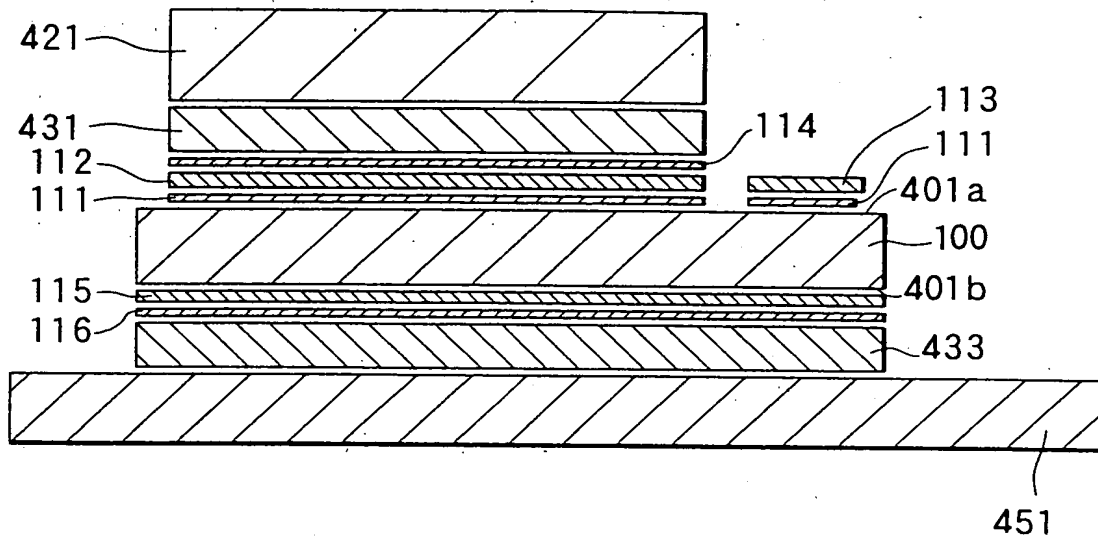


FIG. 26

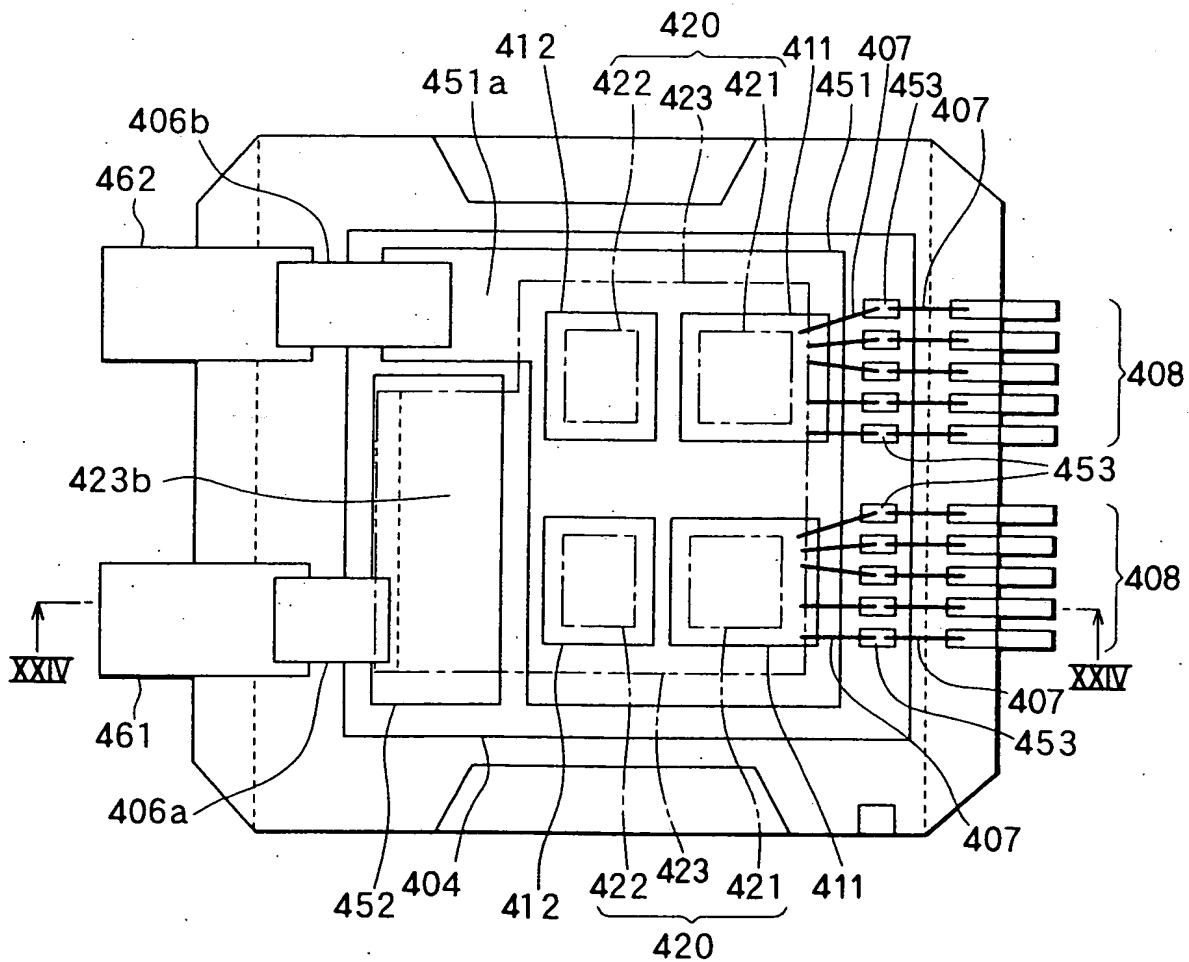


FIG. 27

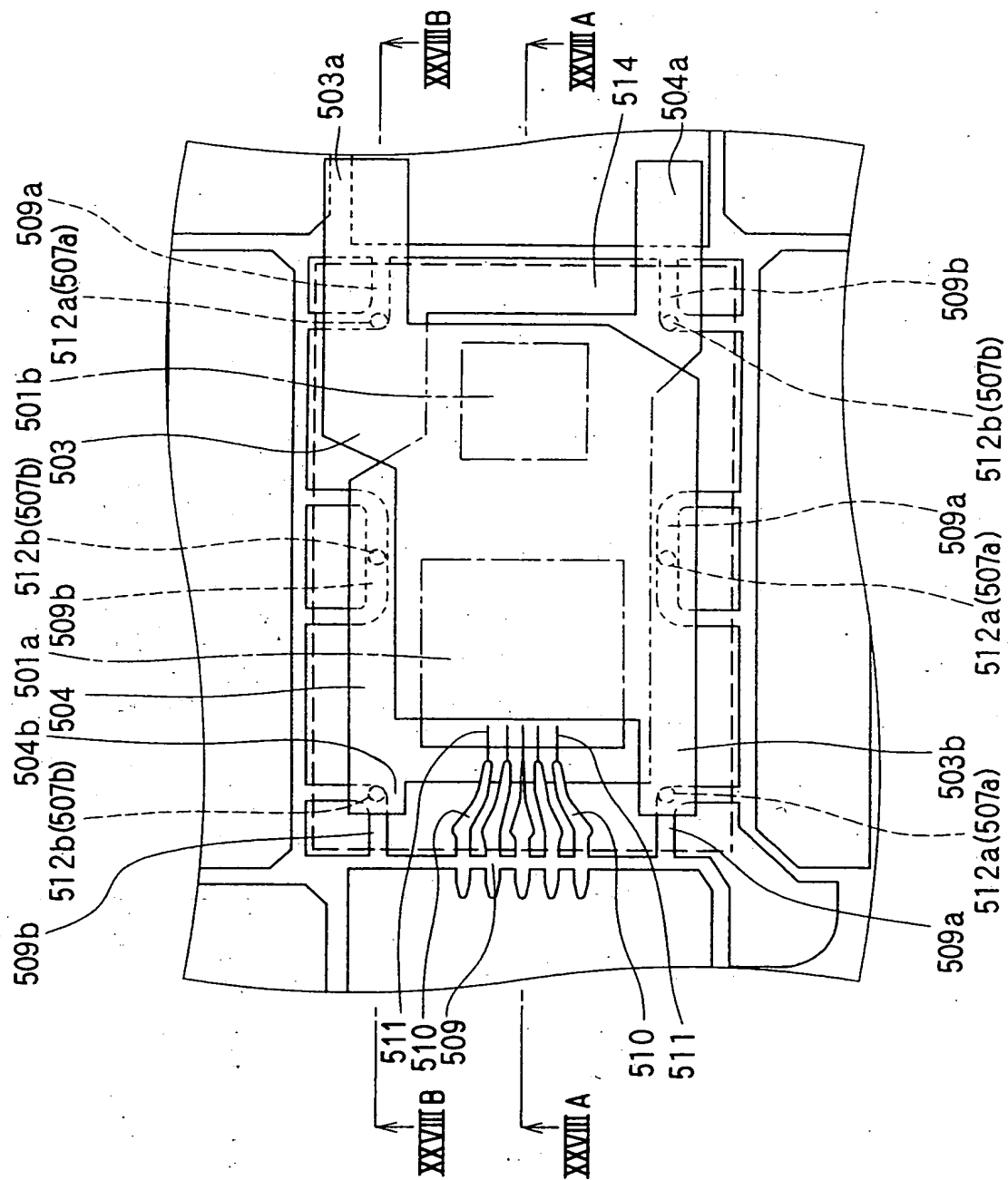


FIG. 30A

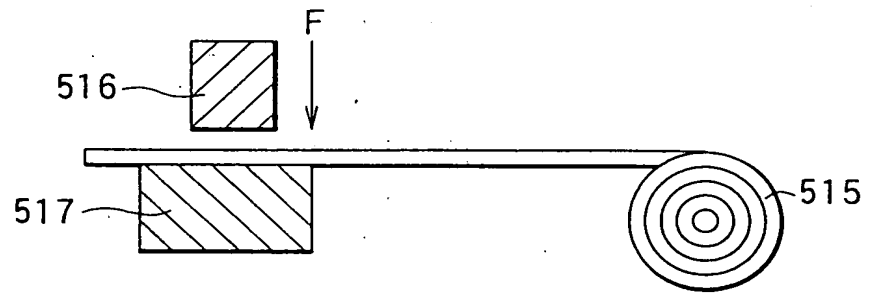


FIG. 30B

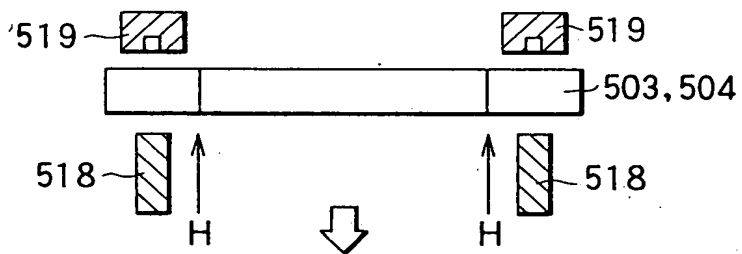


FIG. 30C

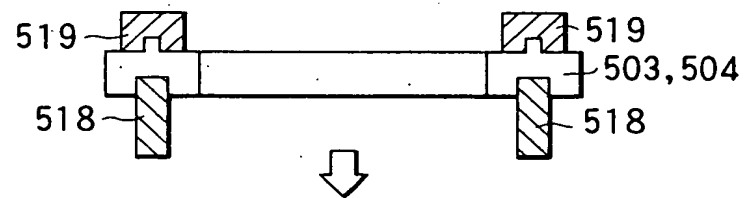


FIG. 30D



FIG. 31

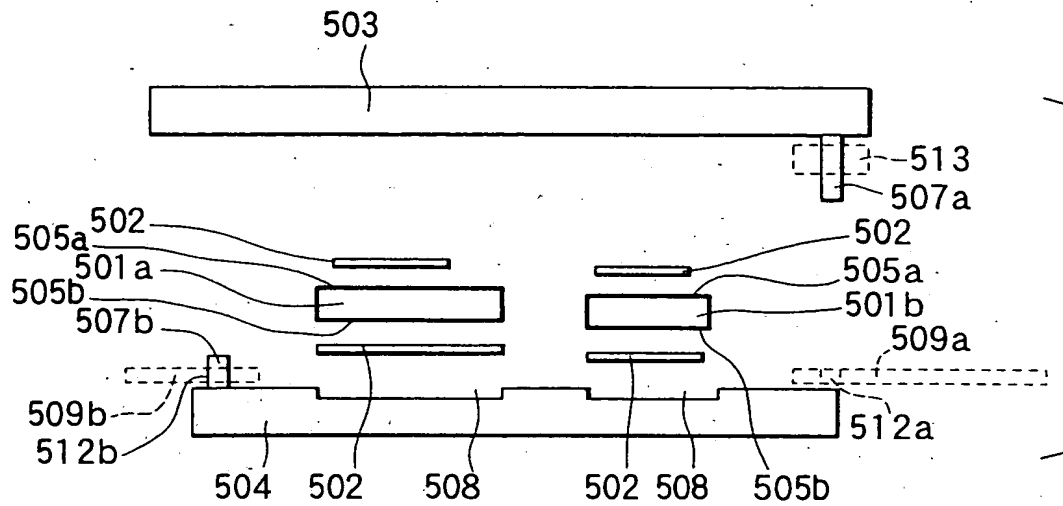


FIG. 32A

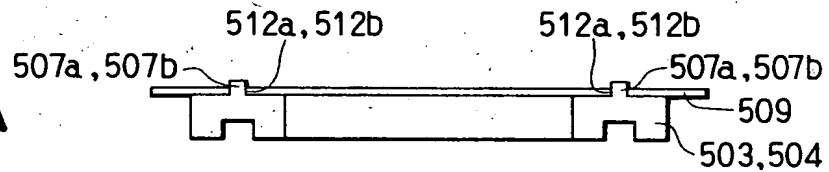


FIG. 32B

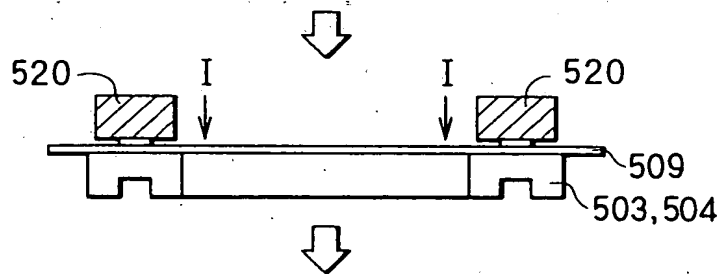


FIG. 32C

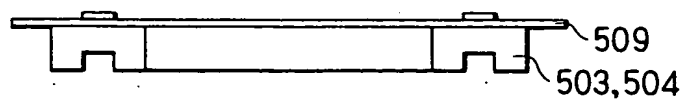


FIG. 33

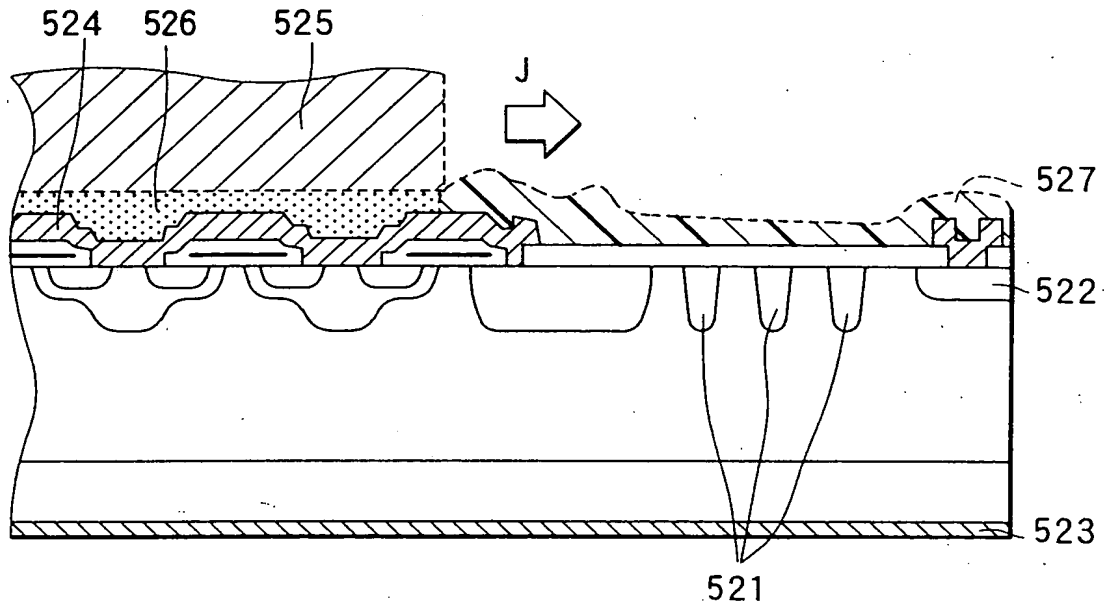


FIG. 34

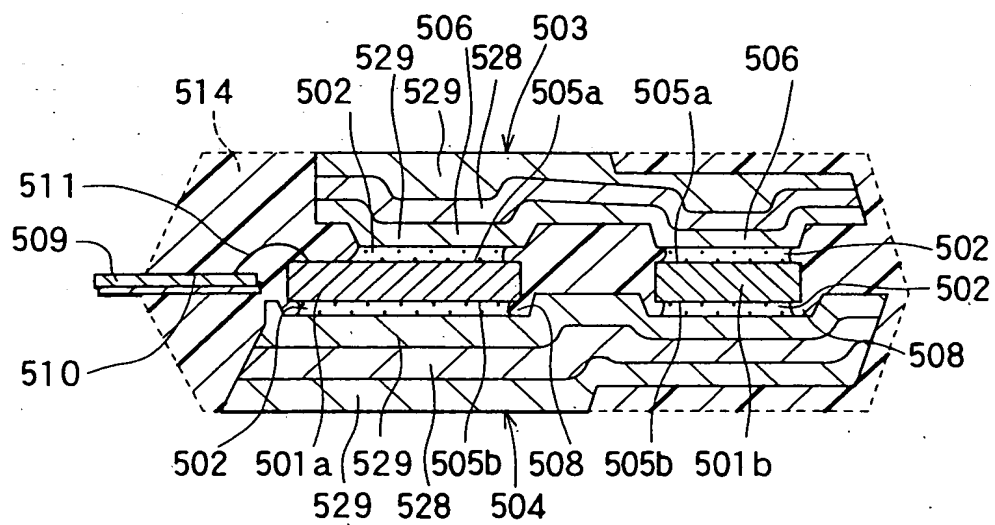


FIG. 35A

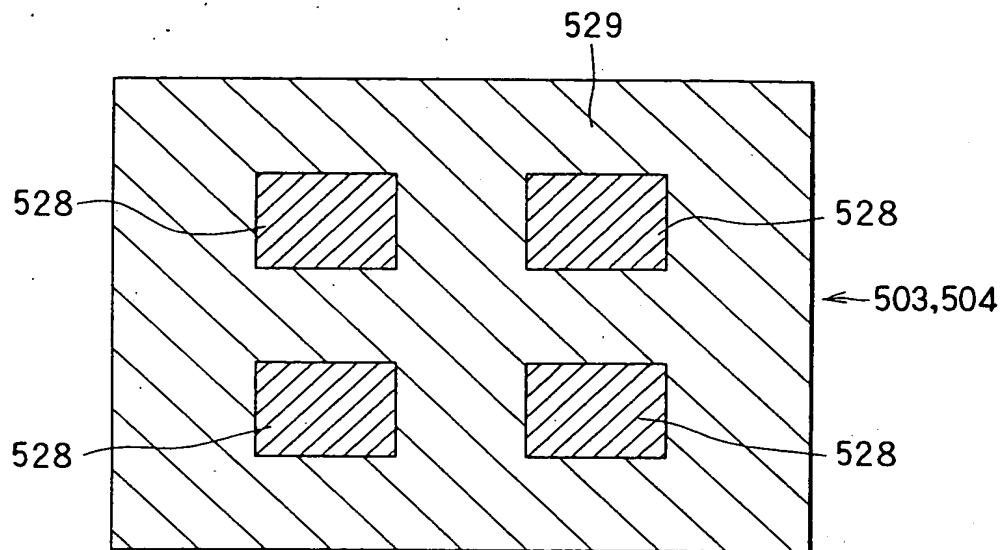


FIG. 35B

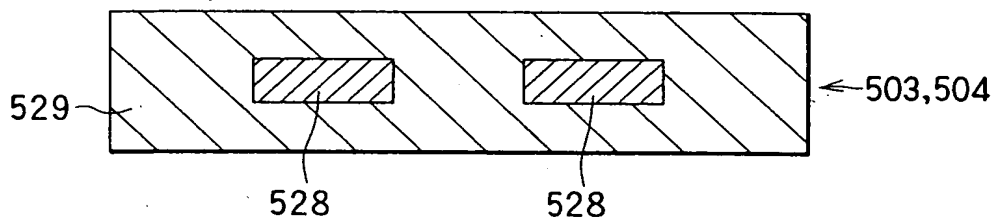


FIG. 36

